

NORTH SHORE ARC



"SPARKS"



June, 1995

Presidents Message

Well, not much has happened since last time I wrote. There was an unusual event on Saturday as I got ready to go for breakfast with the gang at Mama's restaurant. I looked out the kitchen window and low and behold behind the silo was a large black round thing. At that moment there was a tap on the front door, as I ventured to the front door I suddenly heard this "tremendous whoosh", with the dogs barking I answered the door to a young lady requesting permission "TO LAND". "Yes, land what?" I said. That's right you guessed it, it was a hot air balloon and they wanted to land it on our front lawn. It was a great experience to watch them guide this monstrous balloon between hydro lines and silo tower and land perfectly on the small area of lawn. This is where the fun begins, watching them fold the balloon up without it being taken by the wind and packing it all away in such a small trailer. After they packed it all away we were invited to stay for a champagne and orange breakfast with their passengers, which needless to say was better than bacon and eggs at Mama's Hi Hi.

Until next time 73 88's

Peter Rogers, VE3ZZV.

Editors "Hot Air" - you had me worried there Peter. I was all ready to get you a rubber room until I read the word "Balloon" and not "UFO".

N.S.A.R.C. May Minutes

The meeting was opened at 19.40 by Peter, VE3ZZV, who welcomed all members and guests.



Announcements:

1) Field Day: Coordinator

Martha Dinsmore gave an update on this years event and asked for volunteers to help with setup. Anyone who so wishes can contact her or her dad, Stephen, VE3SBD.

2) Chili Day: Peter, VE3ZZV reminded the members about the chili cook-off and Fox-Hunt scheduled for Sunday May 27th at Purple Woods Conservation Area.

3) Code Practice: Peter, VE3ZZV once again asked for help with code sending during the Thursday evening club net.

4) RAC: Stephen, VE3SBD, brought the members up to date with the clubs affiliation to Radio Amateurs of Canada. He will publish details in the bulletin.

Guest Speaker: Peter introduced Dave, VE3AJY who gave the members an interesting talk on satellite communication, complete with illustrations and handouts.

50/50 Draw: Won by Stephen, VE3SBD.

After the break Ron, VE3AIY, aided by Ralph, VE3CRK, gave a talk on Fox Hunting and demonstrated some of the equipment provided by Ron.

24 people signed the attendance book. The meeting closed at 22.00.

minutes prepared by **George Day, VE3UEH**

RAC Memberships

RAC memberships can be renewed through the North Shore Amateur Radio Club or directly with RAC. If renewing directly, please quote our club affiliation number **NOR110**. If you wish to renew through the club, please allow an extra two weeks, this includes the one week you were going to allow for doing it through the mail.

The benefit of renewing through the club, is that we get our affiliate rebate immediately and know how many of our members are also RAC members. If you renew directly, please let us know so that we keep track of the amount of affiliation funds we can expect.

Quotable Quotes...*I didn't say that!*

Little Girl: Daddy, do all fairy tales start out with "Once upon a time"?

Daddy: No Dear, some start with "If I am elected!" **Laird Solomon, VE3LKS**

Your Vote Does Count! X

Even though you may not think that we have much of a choice in the upcoming Provincial election I would like to encourage you to exercise your right to vote. People in other parts have fought and died for years to gain this privilege that we have had for centuries and it should not be taken for granted. YOUR vote does count!

Laird Solomon, VE3LKS

CW on the AIR

Morse code is dead - nonsense. It is alive and well and desirable to many of our newer amateurs. In most cases it is probable that it's the carrot they are reaching for and which will in due course allow them to obtain privileges which are only available with the code. When I took my exam down on Front Street in Toronto in 1938 the code was very important. If you didn't send and receive 10wpm it was game over. Yes, you could get another chance when you did your homework and went back again but you were expected to get it right the second time. I don't know what happened if you blew it again. I was fully prepared and had no difficulty. Moving ahead a few years, I became an instructor in both code and theory and many hams obtained their licenses as a result of instructions they received. I well remember using the bug and sending cw from a transmitter station in Oshawa.

I was a transmitter technician and the rigs didn't need much attention. An occasional frequency change was requested, then back to the crossword puzzles, etc. I used to haunt radio stations at one time and never thought that I would ever work in such an environment. We had five transmitters with the largest being a G.E. 100kw, also two RCA 40kw, an old WCAU Philadelphia 10kw that obviously was a home brew effort plus a home brew 1kw which was our first rig and which we picked up in North Toronto in 1942. Working with these rigs kept me occupied for nearly 25 years.

I have prepared some 54 stories for use with a modified CW program for sending CW on the air. Having recently retired from the job of sending weekly code practice, arrangements have been made to ensure that senders will be on deck regularly using this software and these stories. I have the data and program all on one 3.5" double density floppy. I know there is some interest and a number have now been distributed. If you want to have one for use at your own QTH or to assist on the air please contact me and I will try to accommodate you. It would be great for CW practice in your own shack. I can also provide the program on a 5.25" but there are less

stories on the disk. If you have any comments, I would be glad to hear them. You could give me a disk to copy or do a swap at the club meeting. There will be no charge provided you bring me an equivalent disk. I generally have some at the breakfast meetings on Saturday morn at the Five Points Mall where we meet at about 9:30am and where a lot of hot air is exchanged as we eat. You can even pick one up from my QTH on Highway 12.

73 de Bernie, VE3ATI

CW Forever

(from "YL Harmonics")

*You must have, at times, thought into the past,
Where some things go out, while others last,
What comes to my mind is the old Morse Code,
That has weathered the storms from any abode.*

*To talk with one's fingers is surely an art,
Of any info you care to impart,
In most conditions the signals get thru,
While the same about phone is simply not true.*

*Those dits and dahs cut through the trash,
Of nearby noise or lightning's crash,
To the sensitive ears of the ham receiver,
Who records this data with ardent fever.*

*He know's he's doing something unique,
(In such poor conditions, that's quite a feat!)
To roger the message that came off the air,
These brass pounders sure do have that flair.*

*They say Morse ops are a dying breed,
But don't despair, there's always that need,
That when conditions get rough for the new automation,
Be rest assured, there'll be need for your station.*

*CW is dying? Believe it never,
This mode will be 'round forever and ever,
But one thing is sure, what we really need
Is to relay our knowledge to the younger breed.*

*To carry the torch, long after we're gone,
To send Morse code thru the air like a song,
When at last, Silent Keys pull the final lever,
We can rest in peace, it's CW forever.*

Submitted by Hank Verwoerd, VE3FHV

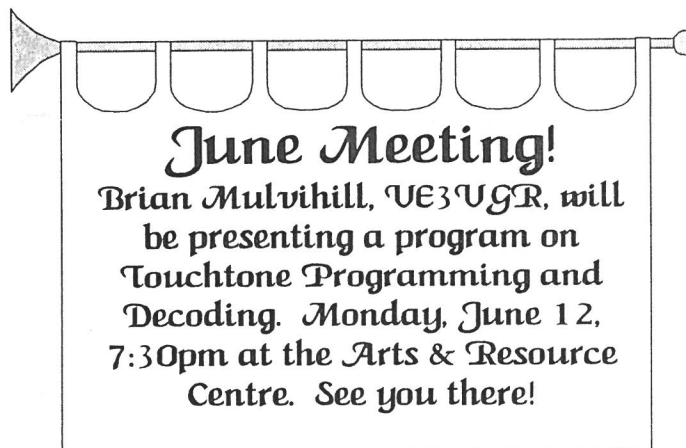
For What It's Worth!

(Thoughts from the Editor)

Yes, CW has been a part of this great hobby for many decades and I will concede that some Amateurs have lots of fun with it. What bothers me is that it is being

used as a filter to weed out potential bad operators on HF. Well, I hate to break the news but there are plenty of Advanced Amateurs with 12wpm or more who are lousy operators. In fact, you will find lousy operators in all levels of licencing so why have a 12wpm requirement for HF?! Wouldn't it make more sense to have more technical exams instead? Learning more technology would do a lot more for me than increasing my CW speed only to throw my key out, like most of the others, as soon as I get the coveted licence upgrade. After all, this is supposed to be a technical hobby isn't it?. My prediction is that there are going to be fewer and fewer operators on HF and so our band allocation will be sliced accordingly by Industry Canada and will be used for other purposes. This no-code licencing was probably the best thing that has happened to ham radio in Canada in a long time. If you do not think so than you had better reconsider. Your executive, for example, are primarily no-coders (and not a bad operator in the bunch!). Your repeater move last year was completed in part by no-coders. I would not be your bulletin editor if it wasn't for the no-code change (I know, no great loss and yes, I have 5wpm but please do not ask me to find my key as it's burried under a pile of dust in the corner). Anyway, as I step down off of my soapbox, I invite your comments as to how you would change the licencing to help increase our numbers even more and to make full use of the bands that we have so that they do not go into extinction. And please, when I kickPS - I have my asbestos underware on so flame away!! PSS - PLEASE, when I croak do not list me as a silent key because my key will have already been silent for many years. Instead, put something like "Keyboard Error", "Hard Disk Controller Error" or "Unable to connect to VE3LKS".

Laird Solomon, VE3LKS



We all know thousands of ways to spend money but only one way to make it.

Peter Rogers, VE3ZZV

AMATEUR RADIO WORDSEARCH PUZZLE, BY AA6DX

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H E O D S E B O R P U F C M Z B E H Q N
V G E T A R B I L A C V E P A D N K U N
A M K H P K Y T Z R B Z E Y I L V Q M H
W E O N Q R O X H B J V J K J D E H M I
G C C A T H O D E R A Y S W U D L H N O
E A B P B O X S O V T X N S U J O A H E
C R Z H M R T O W B F E S T H F P B J C
A T Y L A I I Y M E Y B I W Y L E U Q S
R L J X W Z M D E P E L C A G L X M C Z
T A L I Y O E E A T P P C V P L P O P H
E U S H B N Z F X M K C H E H F P G L E
R D D H R T T L A I D W O Q G E B U B I
E E P E B A P E U V H J V U C Y X S W D
I E J W P L A C W O O D B A P Q I X H I
F N C X X O T T E M M L A N U L O Q U S
I L L W F Q T I D M C I U A C F I M C P
L I F I S M E O L I S S A J O U S N P L
P H E J B Q R N G V E R T I C A L N G A
M A U R D N N E X K G E H T I D X K P Y
A E V A W E N I S C Z X E C I L G O U A
  
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SCOPE, PATTERN, CATHODERAY, HORIZONTAL, SWEEP, DEFLECTION, LISSAJOUS, VERTICAL, ENVELOPE, SINEWAVE, PROBES, AMPLITUDE, RETRACE, WAVE, DUALTRACE, CALIBRATE, AMPLIFIER, COUPLING, DISPLAY, TIME.

The Oscilloscope .. Once you've learned to use one, you have to have one! These words have to do with the "O-Scope" ... and yes, they are all "in there" - up, down, sideways, crossways .. backward and forward !!

73 .. Mark *-AA6DX-* Eureka, Humboldt County, CA
Home of the World Famous "Kinetic Sculpture Race!"
AA6DX @ K7WWA.#NOCAL.CA.USA.NOAM

RAC President's Report to the Members at the Second Annual General Meeting Ottawa, Ontario - April 23, 1995

Canada is experiencing fundamental changes in the growth and stability of its amateur radio community. The number of amateur station licenses has doubled since 1982. A significant increase in RAC membership has not taken place during the same period. After two years as the new national society, Radio Amateurs of Canada (RAC) is taking on a life of its own with notable successes in relations with our government, in defending of our privileges and frequencies, in improving member services and in controlling costs. This is indicative that we are moving in the right direction. The need for further solidarity, growth and organizational effectiveness remains the essential challenge facing RAC as we move into the 21st century.

Here are some recent licensing statistics:

Year & Month Number of Amateur Station Licenses

1982	21,600
1994 April	41,508
1995 January	43,200

Roughly, only 8,000 Canadian amateurs (18.5%) choose to belong to RAC in spite of a need for greater support. Leaving such a small group of amateurs to carry the burden of funding and supporting our national society is unfair and unacceptable. RAC is working in the radio spectrum services arena with some of the largest and influential radiocommunications corporations in Canada. These corporate players use paid professional staff to perform complex techno-administrative work. RAC officials attempt to do the same with part-time volunteers and limited funds. Amateur radio will not survive if amateurs do not help their national organization to protect the hobby.

Liaison with government has become increasingly crucial. In the past year, RAC has successfully resisted threats to limit antenna tower height, to use ATV for non-amateur purposes, to reallocate 220 - 222 MHz to commercial mobile radio service and, more recently, has influenced government to re-look at using field strength readings to set transmitter power limits when resolving electromagnetic compatibility complaints (EMCAB2). Our team of Ottawa volunteers continues to work with Industry Canada in examining the possibility of delegating the overall day-to-day administration of the amateur radio service to RAC.

The 1994 financial report indicates a modest surplus. Revenue from a projected increase in members did not materialize. This resulted in substantial cuts in budgeted expenditures and the introduction of measures to control operational expense. We are continually looking for ways and means to adopt more efficient work processes thereby reducing internal operational expense. One such measure is the adoption of E-Mail to reduce communication expense. It is clear, however, that we are close to the point whereby measures to create service improvement and organizational effectiveness will not be possible without some growth in revenues.

RAC continues to participate as a member of the Radio Advisory Board of Canada (RABC) evaluating proposals and working with major radiocommunications organizations to advise government on the many and varied uses of valuable radio spectrum and on prudent radio regulatory policies. This important work, along side public and private radiocommunications companies, is a

time-consuming activity for RAC's volunteer workers. RAC must increase its participation in this and other government-related activities. To do this properly, RAC needs people able to work on such issues on a full-time basis. Without the funds, it will not happen!

Sponsoring and hosting amateur events is a never-ending challenge for RAC and its many volunteers. We extend sincere thanks to the Calgary Amateur Radio Association for organizing and hosting our outstanding First National convention last August. For the future, Radio Amateurs of Canada is privileged to host the XII General Assembly of Delegates of IARU Region II at Niagara Falls, Ontario, September 25 - 29, 1995. We look forward to this historical triennial conference, a "first" for Canada! The Conference Preparations Committee is to be congratulated on planning and arrangements. A team of RAC delegates is being formed to deal with the issues and the business of the Conference.

On behalf of the Directors, Executive, Section managers and a host of RAC volunteers from coast to coast, I extend to our members a sincere thank you for their personal and financial support during 1994. We have come a long way in two years! We have a long way to go to ensure Canada's amateurs will enjoy the privileges of this wonderful hobby in the many years to come!

North Vancouver B. C.

J. Farrell Hopwood, VE7RD, President
Radio Amateurs of Canada

Thanks From the Editor

The following are the people that helped to make this months newsletter more interesting. As editor it is hard to come up with all the articles and bits of info that go in to making SPARKS a reality by myself and so I rely on YOU, the reader, to supply me with info as well. The following people contributed to this months edition.

George Day VE3UEH, Peter Rogers VE3ZZV, Walter Beach VE3FJC, Steve Dinsmore VE3SBD, Martha Dinsmore V?3??? (waiting for call to arrive), Hank Verwoerd, Bernie Sandbrook VE3ATI

Laird Solomon, VE3LKS

"Why do you have VE3OSH tattooed in reverse on your back!" A doctor asked his patient. "That's not a tattoo. That's where my wife ran into me while I was opening the garage doors."

Peter Rogers, VE3ZZV

NORTH SHORE SWAP SHOP

Len VE3LDR, (905) 723-6970

- Yaesu FRG 100 Gen.Coverage Receiver. Still under warranty \$ 550.

John, VE3VGI, (905) 728-3711

Astatic D 104 Desk mic. good condition \$35

Heath S.W.R. Meter, HM-15, \$25

Joe, VE3FVH, (905) 655-3009

Realistic HTX 100 10 meter transceiver \$180

Microwave Module 432 MHZ 100 watt linear \$325

Balun B1-2k 1:1 50 ohm \$10

MFJ CW Filter CWF-2 \$10

Heathkit SB-610 Scope \$100

KLM 2 meter Ant. KLM-13LBM. good for satellites \$80

Gord, VE3UIB, (905) 433-7005

Kenwood Dual Band Handheld Model 79 A with extra battery and wide band receive \$630

Fred, VE3TIG, (905) 576-4839

DENTRON MT-2000A Antenna tuner including manual.

Frequency Coverage: 1.8 - 30 MHz Continuous

Input Impedence: 50 ohms (Resistive)

Output Impedence: Coax - 50 ohms nominal; may range from a few ohms to a high impedance

Long wire either high or low impedance

Power Capability: 3000 watts P.E.P.

Insertion Loss: .5 db or less after tuning

Dimensions: 5.5" high, 14" wide, 14" deep

Weight: 18 lbs. \$230 - shipping extra.

Wanted - Kenwood 732 dual band mobiles

Send all listing to **VE3FJC, Walter** at (905) 263-2338, by packet at VA3BBS, or by phone at VE3OSH 2 meter repeater.

Bulletin Deadline!

Please have any articles or items that you would like to see in the bulletin delivered to the editor before 6:00pm on Wednesday, June 21. Due to space limitations not all articles may be published that month and editing for size may be necessary. You can send info via the following:

PBBS
Packet
CompuServe

VE3LKS-1 from USH
VE3LKS@VA3BBS

Internet
Snail Mail

75121,3105
75121.3105@compuserve.com

171 Thornton Rd N., Oshawa, L1J 6T4

NOTE: the CompuServe address has a comma separating the two sets of numbers and the internet address uses a period!

I prefer to receive information via the above methods but if you must call, **please do not call after 9:00pm.** (5:00am comes pretty early!!)



WHY ARE AMATEUR RADIO OPERATORS CALLED "HAMS"?

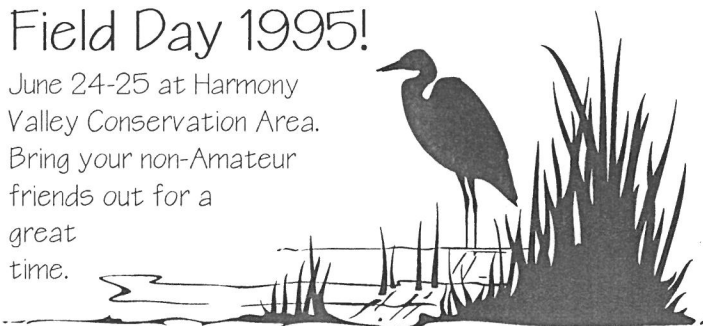
DISCLAIMER: The author expresses these opinions extemporaneously and any similarity to rational logic or an official position should be regarded as serendipitous.

One of the earliest stations was operated for the Harvard Radio Club by Albert Hyman, Bob Almy and Poogie Murray, and their call sign became HAM, the first letter of each surname. In 1911, the Wireless Regulation Bill was introduced in the U.S. Congress to bring order to chaotic, unregulated airwaves and limit amateur activity. Hyman, verging on tears, testified before a congressional committee that heavy licensing fees and other requirements would force HAM and most other amateurs off the air. When the bill reached the floor of Congress, speaker after speaker rose to defend the right of "poor little station 'HAM'" to transmit. International news coverage placed HAM in the public consciousness as a synonym for amateur radio. If you don't believe me, look it up in the U.S. Congressional Record.

Bill, VE3VLK(View Lake Kid)

Field Day 1995!

June 24-25 at Harmony Valley Conservation Area.
Bring your non-Amateur friends out for a great time.



The Info Page

Executive

President

Peter Rogers, VE3ZZV 655-5180

Vice President

Steve Dinsmore, VE3SBD 571-4716

Treasurer

Earl Matthews, VE3VGK 725-5606

Secretary

George Day, VE3UEH 432-1368

Program Director

Fred Bengel, VE3TIG 576-4839

Co-ordinators

A.R.E.S.

Fred Bengel, VE3TIG 576-4839

Special Events Co-ordinator

Ralph Day, VE3CRK 576-8738

Bulletin Editor

Laird Solomon, VE3LKS 434-7339

Bulletin Publisher

Glen Goslin, VE3LIZ 725-1545

Club Historian

Mike Sherba, VE3DKW 723-7674

Net Controller

Roy Miller, VE3AAF 852-5447

Code Senders

Rick Gibson, VE3ASH 434-2886

Dave Hefford, VE3AJY 436-3026

Registrar

Keith Wyard-Scott, VE3GDF 723-5758

Get Well Cards

Anne Jones, VE3KWI 324-0638

Nonquon Canoe Races

Glen Goslin, VE3LIZ 725-1545

Field Day

Martha Dinsmore, 571-4716

Instruction

John Nicholls, VE3SII 683-2495

Auditor

Rick Gibson, VE3ASH 434-2886

Lists and Labels

Paul Dale, VE3LHZ 434-6741

J.O.T.A.

Tom Rogers, VE3BTR 640-5549

Club Inventory

Howard Mugford, VE3TYQ 579-7466

Club Photographer

Don Foster, VE3GXH 985-2668

Club Repeaters

2m	147.120	VE3OSH	Voice
70cm	443.000	VE3NAA	Voice
2m	144.970	VE3USH	Packet

Net and Code Practice

Club Net every Thursday at 1930 with CW practice at 2030 followed by more Net at 2130.

EMO Net every Wednesday at 2030 on VE3OSH.

Informal Nets and Gatherings

Evenings at 2130 hours local time on 3740 +- a few kc you will find a bunch of local rag chewers.

Saturday mornings, 0930, at Mama's Restaurant in the Five Points Mall you can devour some breakfast, coffee, or both and have a chit chat with some of the locals. This is an informal event and discussion topics are totally up to you. Great time to chat about equipment problems, software, etc.

NSARC 1995 Calendar

Jun. 12	General meeting
Jul. 10	Sermon on the Mount (Fun at the rprr site!)
Aug. 14	Corn roast
Sep. 11	General meeting
Oct. 09	General meeting
Nov. 13	General meeting
Dec. 11	Christmas party



D.R.A.R.E.O.

Randy Elliot, VE3JPU (905) 427-6853 - Coordinator
Fred Bengel, VE3TIG (905) 576-4839 - Asst. Coord.

Meaningless bits of information - this newsletter is laid out using WordPerfect 6.1 for Windows and the original copy is printed on a Brother HL-660 laser printer. Also, if you happen to have any complaints you are more than welcome to become the next bulletin Editor. Seriously, all constructive criticism will be accepted and treated accordingly. If you would like to see more technical articles then get the lead out and get writing. I can write till I'm blue in the face about computers and some of it you can apply to Amateur Radio but it would be nice to see some technical stuff as well.

Field Day Questionnaire

Martha Dinsmore V?3???

If you are planning to attend Field Day this year - June 24th and 25th - please take a few minutes to complete this questionnaire. Then please be sure to contact Martha, V?3?, at the June meeting or call her at 571-4716 between 1600 and 2100.

Name: _____

Callsign: _____

1. I am planning to attend Field Day on:

- ☐ Saturday June 24th
- ☐ Sunday June 25th
- ☐ both days
- ☐ not sure but WILL be there

2. I am interested in helping with:

- ☐ set up Saturday morning
- ☐ dismantling and clean up Sunday afternoon

3. I can bring the following equipment:

- ☐ HF transceiver (specify type)

☐ CW keyer (specify type)

☐ generator (specify wattage)

☐ heavy duty AC cord, coax cables

☐ RV, trailer, camper van, tent (circle one)

☐ other (specify)

4. I am interested in operating:

- ☐ HF phone
- ☐ HF CW
- ☐ other (specify)

5. If you wish to operate CW, indicate your approximate operating speed. We plan to have a station in the US Novice portion of the bands, so that all operators are encouraged to participate.

- ☐ 5 WPM
- ☐ 10 WPM
- ☐ 15 WPM
- ☐ 20 WPM
- ☐ Over 20 WPM

6. I will be available to operate one or more shifts during the event.

- ☐ Saturday 1400 to 1700
- ☐ Saturday 1700 to 2100
- ☐ Saturday 2100 to 2400
- ☐ Sunday 0000 to 0700
- ☐ Sunday 0700 to 1200
- ☐ Sunday 1200 to 1400
- ☐ the entire 24 hours

7. Any comments, queries, suggestions or offers of assistance are welcome.

1995

June

1995

SUNDAY	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
						3
4	5	6	7	8	9	10
11 NSARC Monthly Meeting Arts & Resource Centre	12	13	14	15	16	17
18	19	20	21	22	23 Field Day! Harmony Valley Conservation Area	24
25 Field Day! Harmony Valley Conservation Area	26	27	28	29	30	